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NEVADA 1963 ANNUAL REPORT

AGRICULTURAL CONSERVATION AND OTHER A. S. C. S. PROGRAMS

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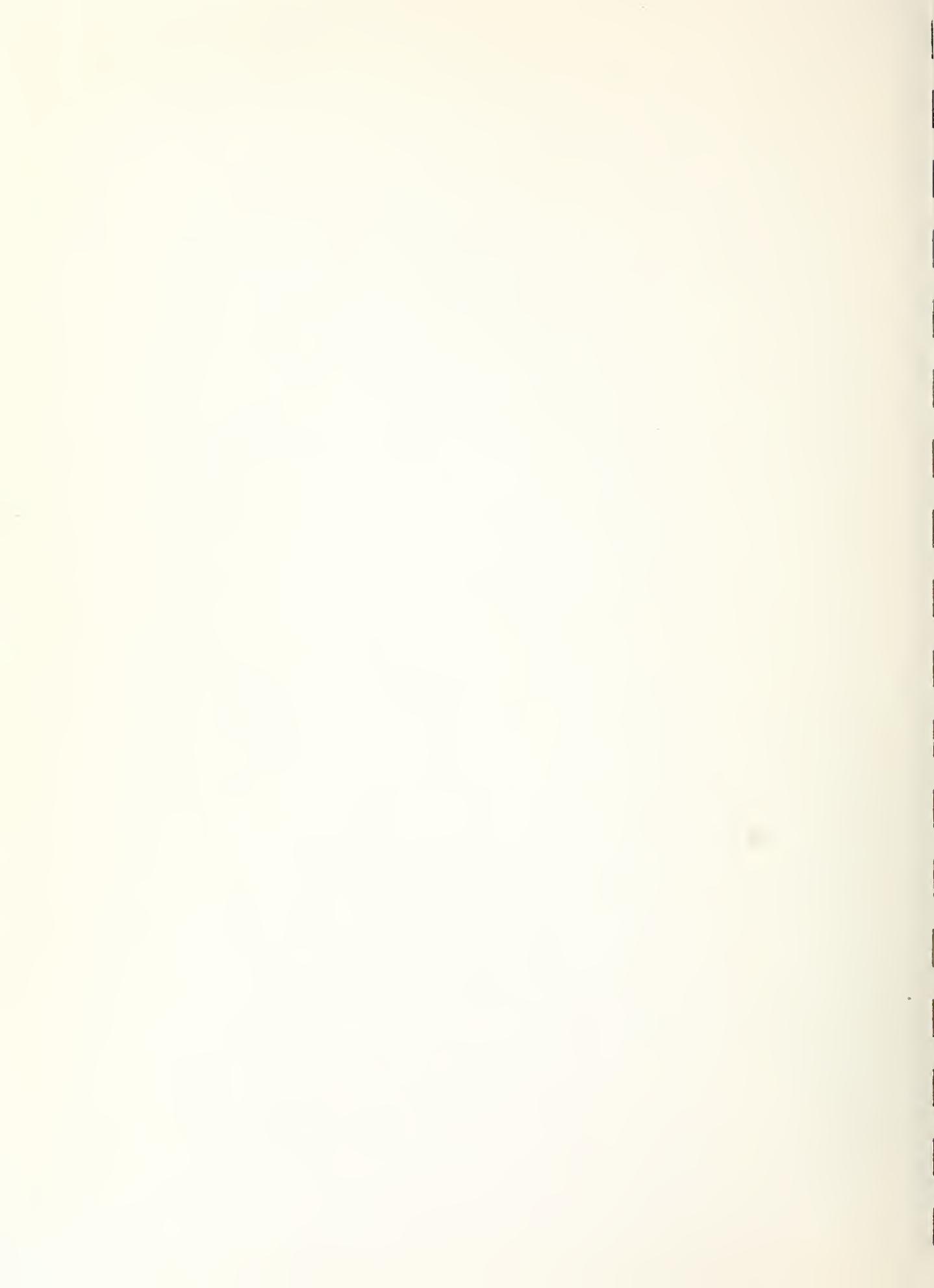


BEFORE A. C. P.



AFTER A. C. P.

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE
NEVADA STATE OFFICE .. 1479 SOUTH WELLS AVENUE .. RENO, NEVADA





COVER PAGE

The pictures on the cover page of this report are in recognition of the Douglas County Committee and office manager for the conservation work they accomplished in 1963.

The top picture shows a "before ACP," scene on the Carson River at a site referred to locally as the "Cottonwood Slough".

Larry McMasters, County Office Manager for the Douglas ASC County Committee, is shown in the picture.

The bottom picture shows an "after ACP," scene taken from the same location on the Carson River after a pooling agreement for construction of the diversion structure was complete.

The Nevada ASC State Committee congratulates members of the Douglas ASC County Committee; Roland Dreyer, William Johnson, John Indiano, Leo Galeppi, and Ernest Dressler for their contribution to conservation of soil and water in Douglas County.

FORWARD

This report, prepared by the Nevada Agricultural Stabilization and Conservation State Committee, summarizes the accomplishments of ASCS programs they administered in Nevada for the year 1963. This report is prepared for all individuals and organizations interested in the advancement of agriculture. It contains statistical data and narrative reports on state summaries, ACP practice summaries, F-4 emergency conservation measures, county summaries, wool payment program, price support and farm storage loan, cotton allotments and marketing quotas, sugar beets, feed grain program, livestock feed program, and the wheat program.

An appraisal of this report will show the impact the Agricultural Stabilization and Conservation Service has on Nevada agriculture. Through the administration of these programs, many agricultural objectives are realized. One is the contribution to the conservation of soil and water which has a beneficial effect on not only the future of Nevada agriculture, but on the future of our nation.

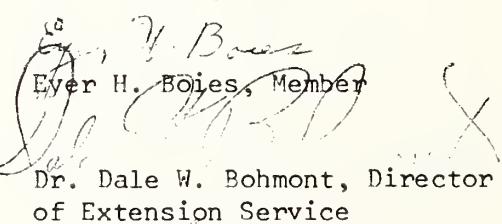
The State Committee recognizes and takes this occasion to pay tribute to the Nevada county committeemen who have made possible the efficient administration of these agricultural programs.

The Farmer Committee System is a unique and integral part of our organization which serves not only farmers and farm families, but all the people of our great nation. We wish to acknowledge here all the cooperating agencies including the Extension Service, Soil Conservation Service, Farmers Home Administration, State Department of Agriculture, and Forest Service for their support and assistance.

THE NEVADA ASC STATE COMMITTEE


Ferlin H. Hunt, Chairman


Ira H. Kent, Member


Ever H. Boies, Member
Dr. Dale W. Bohmont, Director
of Extension Service

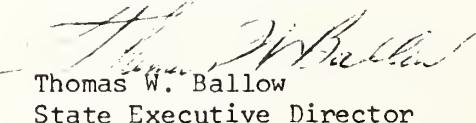

Thomas W. Ballow
State Executive Director

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SECTION I

1963 AGRICULTURAL CONSERVATION PROGRAM

The Agricultural Conservation Program is designed to play an important part in encouraging farmers and ranchers of the United States to carry out soil and water conservation practices. For some years now, Nevada's farm and ranch owners have contributed to the nations agricultural conservation by utilizing all of the State allocation set aside under the National ACP for their use. Through this government-farmer partnership in conservation, Nevada farmers have constructed ditch linings for maximum water conservation, reorganized irrigation systems, leveled cropland, and improved range-lands by reseeding. Nevada has a wide variety of ranch and farm operations and all of them are able to benefit from ACP. Cattlemen benefit by cost-sharing on range seedings, sheepmen may drill livestock wells for better distribution of range stock, row-crop farmers may level fields for better utilization of water.

Not only ranchers and farmers benefit by this conservation partnership, all of America gains through the conservation of soil and water for future generations.

In one county in Nevada, emergency conservation practices were authorized to restore land to production that was damaged by earthquake. Participants, under this program, leveled their land with costs being shared through ACP.

The practices offered in this State were developed and approved by the Soil Conservation Service, U. S. Forest Service, Farmers Home Administration, Nevada State Department of Agriculture, and the Nevada ASC State Committee within the general provisions of the National Bulletin. The program offered in each county of the State was developed and approved by USDA agencies in the county. The program is flexible so each county group has the opportunity of developing one or more county practices to meet local soil and water conservation practices. One of these was to provide cost-sharing for the control of perennial noxious weeds which was causing local soil and water conservation problems.

The following pages show statistical data on program accomplishments in Nevada during 1963. Statistics are summarized by State, county, and practice.

Table 1

STATE SUMMARY OF FARM DATA

COUNTY	CROPLAND ACREAGE			NON-CROP PASTURE AND RANGE ACREAGE		
	PARTICI-PATING FARMS	NON PARTICI-PATING FARMS	ALL FARMS	PARTICI-PATING FARMS	NON PARTICI-PATING FARMS	ALL FARMS
CHURCHILL	17,999	45,661	63,660	7,041	23,577	30,618
CLARK	2,804	6,766	9,570	264	8,510	8,774
DOUGLAS	9,634	13,395	23,029	64,922	132,964	197,886
ELKO	73,248	109,148	182,396	887,387	1,723,650	2,611,037
ESMERALDA	2,258	1,541	3,799	9,056	10,389	19,445
EUREKA	1,553	19,562	21,115	19,895	273,671	293,566
HUMBOLDT	71,261	62,156	133,417	90,794	633,987	724,781
LANDER	9,097	19,950	29,047	176,160	137,533	313,693
LINCOLN	3,641	6,307	9,948	18,741	22,623	41,364
LYON	27,511	23,243	50,754	49,482	54,818	104,300
MINERAL	77	1,742	1,819	18	316,728	316,746
NYE	4,803	28,053	32,856	13,935	76,773	90,708
ORMSBY	400	1,665	2,065	309	24,384	24,693
PERSHING	24,203	16,083	40,286	158,642	381,017	539,659
STOREY	80	495	575	303	5,120	5,423
WASHOE	11,883	20,650	32,533	52,634	678,501	731,135
WHITE PINE	9,270	27,247	36,517	25,488	108,308	133,796
TOTAL	269,722	403,664	673,386	1,575,071	4,612,553	6,187,624

Table 1

STATE SUMMARY OF FARM DATA

COUNTY	NUMBER OF FARMS			FARM LAND ACREAGE		
	PARTICI-PATING FARMS	NON PARTICI-PATING FARMS	ALL FARMS	PARTICI-PATING FARMS	NON PARTICI-PATING FARMS	ALL FARMS
CHURCHILL	110	827	937	25,822	76,682	102,504
CLARK	47	58	105	3,905	19,548	23,453
DOUGLAS	26	68	94	75,898	147,780	223,678
ELKO	52	163	215	962,493	1,833,951	2,796,444
ESMERALDA	5	42	47	11,544	12,350	23,894
EUREKA	4	46	50	21,519	293,435	314,954
HUMBOLDT	51	122	173	132,178	727,080	859,258
LANDER	6	45	51	186,369	159,294	345,663
LINCOLN	40	104	144	22,600	29,502	52,102
LYON	144	175	319	81,003	83,401	164,404
MINERAL	3	47	50	100	318,900	319,000
NYE	11	91	102	18,870	106,234	125,104
ORMSBY	1	18	19	718	26,155	26,873
PERSHING	38	108	146	186,320	398,861	585,181
STOREY	1	9	10	388	5,669	6,057
WASHOE	106	99	205	66,698	741,931	808,629
WHITE PINE	18	84	102	35,101	136,069	171,170
TOTAL	663 *	2,106	2,769	1,831,526	5,116,842	6,948,368

* There was an increase in participating farms of 10.9% over 1962.

Table 2

STATE SUMMARY OF
PAYMENTS MADE FOR PERFORMING CONSERVATION PRACTICES

COUNTY	NET ASSISTANCE BEFORE ADJUSTMENT FOR S.C.I.	AMOUNT OF ADJUSTMENT FOR SMALL COST-SHARE	GROSS ASSISTANCE TO FARMERS	GROSS ASSISTANCE AS PERCENT OF NET ASSISTANCE	AMOUNT USED FOR TECHNICAL AGREEMENTS	TOTAL GROSS ASSISTANCE
	DOLLARS	DOLLARS	DOLLARS	PERCENT	DOLLARS	DOLLARS
CHURCHILL	72,359	610	72,969	100	2,560	75,543
CLARK	24,163	14	24,177	100	1,416	25,593
DOUGLAS	11,208	139	11,347	101	1,025	12,372
ELKO	57,223	84	57,307	100	3,471	60,778
ESMERALDA	8,721	-	8,721	100	*	8,721
EUREKA	2,911	-	2,911	100	537	3,448
HUMBOLDT	51,327	84	51,411	100	2,069	53,480
LANDER	8,679	28	8,707	100	603	9,310
LINCOLN	40,349	114	40,463	100	1,376	41,839
LYON	90,361	305	90,666	100	3,360	94,026
MINERAL	452	24	476	106	165	641
NYE	15,472	-	15,472	100	614	16,086
ORMSBY	1,553	-	1,553	100	25	1,578
PERSHING	31,779	38	31,817	100	1,544	33,361
STOREY	857	-	857	100	58	915
WASHOE	29,819	70	29,889	100	1,645	31,534
WHITE PINE	12,073	84	12,157	100	761	12,918
TOTAL	459,306	1,594	460,900	107	21,229	482,143

* \$154 was set aside but not used.

Table 3

STATE SUMMARY OF PAYEES

COUNTY	PAYEES
CHURCHILL	108
CLARK	17
DOUGLAS	26
ELKO	52
ESMERALDA	5
EUREKA	4
HUMBOLDT	51
LANDER	6
LINCOLN	40
LYON	122
MINERAL	3
NYE	11
ORMSBY	1
PERSHING	41
STOREY	1
WASHOE	24
WHITE PINE	18
TOTAL	530*

* There has been a 12% increase in payees since 1962

Table 4

STATE SUMMARY OF POOLING AGREEMENTS PERFORMED
NUMBER OF PARTICIPATING FARMS, AND PAYMENTS MADE

COUNTY	AGREEMENTS	NET FARMS IN AGREEMENT	ASSISTANCE
	NUMBER	NUMBER	DOLLARS
CHURCHILL	2	6	7,374
CLARK	4	33	10,451
LINCOLN	1	34	31,547
LYON	3	30	29,700
WASHOE	6	86	7,913
TOTAL	16	189	86,985

Table 5

STATE SUMMARY OF CONSERVATION PRACTICES CARRIED OUT

Report No.	Practice Name	Counties (No.)	Farms (No.)	Extent	Number of Units	Amount (Dols.)	Average Per Unit (Dols.)	Portion of Total (Percent)
A-2	Perm. Cover-Other Gypsum or Sulphur	8	52	Acres	2,064	11,936	5.78	2.60
A-4		4	15	Acres	263	4,860	18.48	1.06
B-1	Improving Estab. Cover	1	2	Acres	76	394	5.18	.09
B-2	Improving Rangeland by Reseeding	4	14	Acres	4,408	8,863	2.01	1.93
B-3	Control of Competitive Shrubs	6	41	Acres	12,715	37,606	2.95	8.19
B-5(a)	Livestock Wells	3	5	Number	6	3,802	6.33	.83
B-5(b)	Storage Facilities	2	3	Number	3	297	.99	.06
B-6(a)	Livestock Pipelines	1	1	Linear Feet	5,150	477	.09	.10
B-6(b)	Additional Storage	1	1	Number	2	135	68.00	.03
B-7	Livestock Reservoirs	1	1	Number	2	128	64.00	.03
B-9	Fencing Estab. Cover	6	36	Rods	10,395	12,760	1.22	2.78
C-6	Nonstorage-type Erosion	2	2	Number	2	1,175	5.87	.26
C-8(a)	Steambank Protection	2	7	Project	7	3,580	511.42	.78
C-9(a)	Open Drainage	2	5	Acres Drained	780	1,965	2.52	.43
C-10	Underground Drainage	1	1	Acres Drained	50	1,195	23.90	.26
C-12	Reorg. Irrig. Systems	12	223	Acres Irrigated	65,500	100,655	1.53	21.91
C-12P	Reorg. Irrig. Systems (pool)	4	99	Acres Irrigated	17,831	34,510	1.93	7.51
C-13	Leveling-Irrigation	14	183	Acres	5,787	103,281	17.84	22.48
C-14	Irrigation Reservoirs	4	5	Number	5	8,059	1,611.80	1.75
C-15	Structures in Irrig. Ditches (pools)	1	2	Number	181	368	2.03	.08
C-15P	Structures in Irrig. Ditches (pools)	2	41	Number	128	3,770	29.45	.82
C-15	Lining Irrig. Ditches	4	9	Rods	1,871	17,596	9.40	3.83
C-15P	Lining Irrig. Ditches (pool)	4	80	Rods	4,506	83,027	18.42	18.07
C-16	Spreaders	1	2	Linear Feet	1,396	358	.25	.08
C-17	Regular Subsoiling	4	12	Acres	1,159	5,741	4.95	1.25
F-2A	Weed Control	3	19	Acres Treated	695	2,698	3.88	.59
F-3B	Removal of Debris	1	1	Acres	79	1,553	19.65	.34
F-3B	Reorg. of Irrig. Systems-Flood (C-12)	1	4	Acres Irrigated	413	5,230	12.66	1.14
F-3B P	Reorg. of Irrig. System-Flood (C-12)	1	34	Acres Irrigated	3,061	2,430	.79	.53
F-3B	Releveling Irrig. Land-Flood (C-13)	1	1	Acres	35	857	24.49	.19
							459,306	
								100.00

Table 6

STATE SUMMARY OF
ACP TECHNICAL SERVICES

The Agricultural Conservation Program helps provide technical services to ranchers and farmers in addition to sharing the cost of conservation work with them. Practices requiring the professional help of engineers, foresters, and range technicians are available in the State ACP Handbook. These technical services are paid for with ACP funds. Such technical services in Nevada are made available through referral agreements with the Soil Conservation Service. The assistance for each technical type practice usually consists of (1) a determination of need and practibility, (2) the stake out or lay out work, (3) supervision of the installation of the practice, and (4) a final check and report of performance.

The amount of ACP funds spent in Nevada for technical services of the Soil Conservation Service and the number of practices referred to them in each county is listed below.

COUNTY	REGULAR ACP FUNDS USED FOR TECHNICAL SERVICES	REGULAR NUMBER OF PRACTICE REFERRALS	EMERGENCY ACP FUNDS USED FOR TECHNICAL SERVICES	EMERGENCY NUMBER OF PRACTICE REFERRALS
Churchill	2,560	3		
Clark	1,416	35		
Douglas **	1,025	30		
Elko	3,471	59	857.69	36
Esmeralda	*	9		
Eureka	537	5		
Humboldt	2,069	90		
Lander	603	14		
Lincoln	1,376	19		
Lyon **	3,360	231	1,000.00	60
Mineral	165	11		
Nye	614	13		
Ormsby **	25	1	90.51	4
Pershing	1,544	73		
Storey **	58	1	521.00	10
Washoe **	1,645	36	1,681.00	25
White Pine	761	38		
TOTAL	21,229	668	4,150.20	135

* \$154 was set aside. However, none of this amount was actually used.

** Emergency Counties.

Table 7

INITIAL ESTABLISHMENT OF A PERMANENT VEGETATIVE
COVER FOR SOIL PROTECTION OR AS A NEEDED LAND-USE
ADJUSTMENT

A-2

COUNTY	EXTENT (ACRES)	AMOUNT FOR FERTILIZER (DOLLARS)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Churchill	439	775	3,988	21
Douglas	17	-	95	1
Elko	540	-	1,389	3
Humboldt	287	435	1,657	7
Lyon	501	232	3,606	15
Pershing	12	-	102	1
Washoe	168	-	966	3
White Pine	100	-	133	1
TOTAL	2,064	1,442	11,936	52

Table 8

INITIAL TREATMENT OF FARMLAND TO PERMIT THE USE OF
LEGUMES AND GRASSES FOR SOIL IMPROVEMENT AND PROTECTION

A-4

COUNTY	EXTENT (ACRES)	AMOUNT FOR FERTILIZER (DOLLARS)	AMOUNT OF COST-SHARE (DOLLARS)	AMOUNT OF FARMS
Churchill	135	2,	2,241	10
Douglas	4		98	1
Lyon	79		1,167	3
Pershing	45	1,354	1,354	1
TOTAL	263	1,354	4,860	15

Table 9

IMPROVEMENT OF AN ESTABLISHED VEGETATIVE COVER
FOR SOIL OR WATERSHED PROTECTION

B-1

COUNTY	EXTENT (ACRES)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Elko	76	394	2
TOTAL	76	394	2

Table 10

IMPROVEMENT OF VEGETATIVE COVER ON RANGELAND BY
ARTIFICIAL RESEEDING FOR SOIL PROTECTION
B-2

COUNTY	EXTENT (ACRES)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Elko	3,097	6,829	7
Eureka	155	379	2
Humboldt	1,113	1,586	4
White Pine	43	69	1
TOTAL	4,408	8,863	14

Table 11

CONTROLLING COMPETITIVE SHRUBS TO PERMIT GROWTH OF
ADEQUATE DESIRABLE VEGETATIVE COVER FOR SOIL
PROTECTION ON RANGE OR PASTURE LAND

B-3

COUNTY	EXTENT (ACRES)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Elko	7,371	28,345	25
Eureka	55	274	1
Humboldt	2,465	3,981	10
Lander	1,530	2,603	2
Washeoe	1,200	1,950	1
White Pine	94	453	2
TOTAL	12,715	37,606	41

Table 12

CONSTRUCTING WELLS FOR LIVESTOCK WATER AS A MEANS OF
PROTECTING VEGETATIVE COVER

B-5(a)

COUNTY	EXTENT (ACRES)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Elko	2	2,350	1
Humboldt	3	1,038	3
Lincoln	1	414	1
TOTAL	6	3,802	5

Table 13

CONSTRUCTING STORAGE AT WELLS FOR LIVESTOCK WATER AS
A MEANS OF PROTECTING VEGETATIVE COVER
B-5(b)

COUNTY	EXTENT (NUMBER)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Elko	1	150	1
Humboldt	2	147	2
TOTAL	3	297	3

Table 14

DEVELOPING SPRINGS OR SEEPS FOR LIVESTOCK WATER AS
A MEANS OF PROTECTING VEGETATIVE COVER
B-6(a)

COUNTY	EXTENT (LINEAR FT.)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Elko	5,150	477	1
TOTAL	5,150	477	1

Table 15

DEVELOPING SPRINGS OR SEEPS FOR LIVESTOCK WATER AS
A MEANS OF PROTECTING VEGETATIVE COVER
B-6(b)

COUNTY	EXTENT (NUMBER)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Humboldt	2	135	1
TOTAL	2	135	1

Table 16

CONSTRUCTING OR SEALING DAMS, PITS, OR
PONDS FOR LIVESTOCK WATER AS A MEANS
OF PROTECTING ESTABLISHED VEGETATIVE COVER
B-7

COUNTY	EXTENT (NUMBER)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Washoe	2	128	1
TOTAL	2	128	1

Table 17

CONSTRUCTING PERMANENT FENCES AS A MEANS
OF PROTECTING VEGETATIVE COVER
B-9

COUNTY	EXTENT (RODS)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Churchill	314	376	2
Elko	4,089	5,196	14
Humboldt	4,260	5,110	10
Lyon	524	629	3
Washoe	553	664	3
White Pine	655	785	4
TOTAL	10,395	12,760	36

Table 18

CONSTRUCTING EROSION CONTROL TO PREVENT
RUNOFF OF WATER
C-6

COUNTY	EXTENT (NUMBER)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Douglas	1	87	1
Lincoln	1	1,088	1
TOTAL	2	1,175	2

Table 19

STREAMBANK OR SHORE PROTECTION TO PREVENT EROSION
OR FLOOD DAMAGE TO FARMLAND
C-8(a)

COUNTY	EXTENT (PROJECTS)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Elko	6	3,347	6
Eureka	1	233	1

TOTAL	7	3,580	7
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Table 20

CONSTRUCTING PERMANENT OPEN DRAINAGE SYSTEMS
TO DISPOSE OF EXCESS WATER
C-9(a)

COUNTY	EXTENT (ACRES DRAINED)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Churchill	90	65	2
Lyon	690	1,900	3

TOTAL	780	1,965	5
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Table 21

INSTALLING UNDERGROUND DRAINAGE SYSTEMS

TO DISPOSE OF EXCESS WATER

C-10

COUNTY	EXTENT (ACRES DRAINED)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Washoe	50	1,195	1

TOTAL	50	1,195	1
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Table 22

REORGANIZING FARM IRRIGATION SYSTEMS TO CONSERVE
WATER AND PREVENT EROSION
C-12

COUNTY	ACRES IN SYSTEM (ACRES IRRIGATED)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF F FARMS
Churchill	8,749	9,332	57
Douglas	3,251	3,798	9
Elko	709	6,387	10
Esmeralda	922	2,472	3
Humboldt	21,101	19,098	24
Lander	1,146	3,576	3
Lyon	6,770	19,824	27
Mineral	35	110	2
Nye	1,363	9,829	5
Pershing	14,251	16,236	29
Washoe	336	4,043	4
White Pine	1,106	5,950	9
TOTAL	59,739	100,655	182

Table 23

REORGANIZING FARM IRRIGATION SYSTEMS TO CONSERVE
WATER AND PREVENT EROSION
POOLING AGREEMENTS
C-12P

COUNTY	ACRES IN SYSTEM (ACRES IRRIGATED)	AMOUNT OF COST-SHARE (DOLLARS)	AGREEMENTS (NUMBER)	TOTAL FARMS IN AGREEMENT (NUMBER)
Churchill	115	1,763	1	3
Clark	1,069	1,889	2	17
Lyon	6,770	25,375	2	27
Washoe	9,877	5,483	5	52
TOTAL	17,831	34,510	10	99

Table 24

LEVELING LAND FOR MORE EFFICIENT USE OF
IRRIGATION WATER AND TO PREVENT EROSION
C-13

COUNTY	ACRES LEVELED	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Churchill	1,976	27,969	55
Clark	185	4,605	10
Douglas	257	5,268	8
Elko	162	2,359	5
Eureka	100	2,025	1
Humboldt	708	14,400	14
Lander	110	2,500	1
Lincoln	55	1,365	7
Lyon	1,438	27,985	55
Mineral	14	342	1
Nye	28	437	1
Pershing	624	11,311	16
Washoe	36	890	2
White Pine	94	1,825	7
TOTAL	5,787	103,281	183

Table 25

CONSTRUCTING OR LINING DAMS, PITS OR
PONDS FOR IRRIGATION WATER
C-14

COUNTY	EXTENT (NUMBER)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Humboldt	1	600	1
Lyon	2	4,105	2
Nye	1	1,354	1
Pershing	1	2,000	1
TOTAL	5	8,059	5

Table 26

LINING IRRIGATION DITCHES TO PREVENT EROSION
AND LOSS OF WATER BY SEEPAGE
C-15

COUNTY	EXTENT (RODS)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Esmeralda	549	6,249	3
Humboldt	178	2,375	2
Washoe	669	6,840	5
White Pine	626	2,500	1
TOTAL	2,052	17,964	11

Table 27

LINING IRRIGATION DITCHES TO PREVENT EROSION
AND LOSS OF WATER BY SEEPAGE
POOLING AGREEMENTS
C-15P

COUNTY	EXTENT (RODS)	AMOUNT OF COST-SHARE (DOLLARS)	AGREEMENTS (NUMBER)	TOTAL FARMS IN AGREEMENT (NUMBER)
Churchill	1,291	26,209	1	3
Clark	883	17,669	2	16
Lincoln	2,359	37,482	1	34
Lyon	101	5,437	1	3
TOTAL	4,634	86,797	5	56

Table 28

CONSTRUCTING SPREADER DITCHES OR DIKES TO DIVERT AND
SPREAD WATER TO PREVENT EROSION, TO PERMIT BENEFICIAL
USE OF RUNOFF, OR TO REPLENISH GROUND WATER SUPPLY
C-16

COUNTY	EXTENT (LINEAR FT.)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
White Pine	1,396	358	2
TOTAL	1,396	358	2

Table 29 SUBSOILING TO IMPROVE WATER PENETRATION AND RETARD
RUNOFF TO CONTROL EROSION
C-17

COUNTY	EXTENT (ACRES)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Churchill	83	416	3
Humboldt	240	1,140	3
Lyon	66	333	2
Nye	770	3,852	4
TOTAL	1,159	5,741	12

Table 30
CONTROL OF NOXIOUS WEEDS
F-2(A)

COUNTY	EXTENT (ACRES TREATED)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Douglas	646	1,862	15
Humboldt	10	60	1
Pershing	39	776	3
TOTAL	695	2,698	19

Table 31

RELEVELING IRRIGATED LAND
DAMAGED BY FLOOD
F-3(B)

COUNTY	EXTENT (ACRES)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Storey	35	857	1
TOTAL	35	857	1

Table 32

REMOVAL OF DEBRIS
F-3(B)

COUNTY	EXTENT (ACRES)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Ormsby	79	1,553	1
TOTAL	79	1,553	1

Table 33

REORGANIZATION OF IRRIGATION SYSTEMS
DAMAGED BY FLOOD
F-3(B)

COUNTY	EXTENT (ACRES)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Washoe	413	5,230	4
TOTAL	413	5,230	4

Table 34

REORGANIZATION OF IRRIGATION SYSTEMS
DAMAGED BY FLOOD
POOLING AGREEMENT
F-3(B)

COUNTY	EXTENT (ACRES IRRIGATED)	AMOUNT OF COST-SHARE (DOLLARS)	AGREEMENT (NUMBER)	TOTAL FARMS IN AGREEMENT (NUMBER)
Washoe	3,061	2,430	1	34
TOTAL	3,061	2,430	1	34

F-4 EMERGENCY CONSERVATION MEASURES

Table 35

REMOVAL OF FLOOD DEPOSITED
DEBRIS FROM FARMLAND
F-4B(a)

COUNTY	EXTENT (ACRES TREATED)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Storey	99	5,968	4
TOTAL	99	5,968	4

Table 36

REMOVAL OF FLOOD DEPOSITED
DEBRIS FROM FARMLAND
POOLING AGREEMENTS
F-4B(a)

COUNTY	EXTENT (ACRES TREATED)	AMOUNT OF COST-SHARE (DOLLARS)	AGREEMENTS (NUMBER)	TOTAL FARMS IN AGREEMENT (NUMBER)
Douglas	2,388	20,756	1	2
Lyon	1,308	31,361	3	39
Washoe	3,522	63,899	9	108
TOTAL	7,218	116,016	13	149

Table 37

RESTORATION OF FLOOD-DAMAGED
STREAM CHANNELS
F-4B(C-8)

COUNTY	EXTENT (LINEAR FT.)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Douglas	4,765	1,655	4
Washoe	3,410	2,733	2
TOTAL	8,175	4,388	6

Table 38

RESTORATION OF FLOOD-DAMAGED
STREAM CHANNELS
POOLING AGREEMENTS
F-4B(C-8)

COUNTY	EXTENT (LINEAR FT.)	AMOUNT OF COST-SHARE (DOLLARS)	AGREEMENT (NUMBER)	TOTAL FARMS IN AGREEMENT (NUMBER)
Lyon	14,315	7,645	1	2
TOTAL	14,315	7,645	1	2

Table 39

RESTORATION OF OPEN-DRAINAGE SYSTEM
DAMAGED BY FLOOD
F-4B(C-9)

COUNTY	EXTENT (ACRES DRAINED)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Washoe	600	195	1
TOTAL	600	195	1

Table 40

RESTORATION OF FARM IRRIGATION SYSTEMS
DAMAGED BY FLOOD WATER
F-4B(C-12)

COUNTY	EXTENT (ACRES IRRIGATED)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Douglas	1,554	4,527	8
Lyon	1,955	6,131	9
Ormsby	977	11,009	5
Washoe	114	1,350	3
TOTAL	4,600	23,017	25

Table 41

RESTORATION OF FARM IRRIGATION SYSTEMS
DAMAGED BY FLOOD WATER
POOLING AGREEMENTS
F-4B(C-12)

COUNTY	EXTENT (ACRES IRRIGATED)	AMOUNT OF COST-SHARE (DOLLARS)	AGREEMENTS (NUMBER)	TOTAL FARMS IN AGREEMENT (NUMBER)
Douglas	1,714	4,362	4	10
Lyon	14,636	3,970	4	46
Storey	190	336	1	2
Washoe	5	4,772	1	2
TOTAL	16,545	13,440	10	60

Table 42

RELEVELING IRRIGATED LAND
DAMAGED BY FLOOD
F-4B(C-13)

COUNTY	EXTENT (ACRES)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Douglas	113.0	3,430	6
Lyon	68.0	1,744	3
Storey	8.5	304	1
Washoe	178.0	6,084	8
TOTAL	367.5	11,562	18

Table 43

RELEVELING IRRIGATED LAND DAMAGED
BY EARTHQUAKE
F-4E(C-13)

COUNTY	EXTENT (ACRES)	AMOUNT OF COST-SHARE (DOLLARS)	NUMBER OF FARMS
Churchill	255	7,500	3
TOTAL	255	7,500	3

Table 44

COUNTY SUMMARIESCHURCHILL COUNTY

	Total All Farms	Participating Farms	Part. Farms as Per Cent of Total
Number of Farms	937	110	12
All Land In Farms	102,504	25,822	25
Cropland	63,660	17,999	28
Range and Pasture	30,618	7,041	23
No. of Payees	Net Assistance	Small Cost Increase	Gross Assistance
108	\$72,359	\$610	\$72,969

Practice No. and Name	No. of Farms	Extent	Fed. Cost-Share	Cost-Share Per Unit	% Co. Total
A-2 Perm. Cover-Other	21	439 Acres	\$ 3,988	9.08	5.51
A-4 Gypsum or Sulphur	10	135 Acres	2,241	16.60	3.09
B-9 Permanent Fence	2	314 Rods	376	1.20	.52
C-9 Open Drainage (a)	2	90 Acres Drained	65	.72	.09
C-12 Reorganizing AB Irrigation Part Systems	57	8,749 Acres Irrigated	9,332	1.07	12.90
C-12 Reorganizing P Irrigation Part Systems (pools)	3	115 Acres Irrigated	1,763	15.33	2.44
C-13 Leveling Irrigation	55	1,976 Acres	27,969	14.15	38.65
C-15 Lining Part Irrigation PA Ditches	20	1,189 Rods	23,998	20.18	33.17
C-15 Structures in Part Lined Irrigation PA Ditches	7	102 Number	2,211	21.68	3.06
C-17 Regular Subsoiling	3	83 Acres	416	5.01	.57
			\$72,359		100.00

Table 45

CLARK COUNTY

	Total All Farms	Participating Farms	Part. Farms as Per Cent of Total
Number of Farms	105	47	45
All Land In Farms	23,453	3,905	17
Cropland	9,570	2,804	3
Range and Pasture	8,774	264	3
No. of Payees	Net Assistance \$24,163	Small Cost Increase \$14	Gross Assistance \$24,177

Practice No. and Name	No. of Farms	Extent	Fed. Cost-Share	Cost-Share Per Cent	% Co. Total
C-12 Reorganizing					
A (B) Irrigation					
Part Systems					
(pools only)	17	1,069 Acres Irrigated	\$ 1,889	1.77	7.82
C-13 Leveling Irrigation	10	185 Acres	4,605	24.90	19.06
PA					
C-15 Lining Irrigation Ditches	20	883 Rods	17,669	20.00	73.12
			\$24,163		100.00

Table 46

DOUGLAS COUNTY

	Total All Farms	Participating Farms	Part. Farms as Per Cent of Total
Number of Farms	94	26	28
All Land In Farms	223,678	75,898	34
Cropland	23,029	9,634	41
Range and Pasture	197,886	64,922	33
No. of Payees	Net Assistance	Small Cost Increase	Gross Assistance
26	\$11,208	\$139	\$11,347

Practice No. and Name	No. of Farms	Extent	Fed. Cost-Share	Cost-Share Per Unit	% Co. Total
A-2 Perm. Cover-Other	1	17 Acres	\$ 95	5.59	.85
A-4 Gypsum or Sulphur	1	4 Acres	98	24.50	.87
C-6 Nonstorage-type erosion dams, checks, etc.	1	1 Number	87	87.00	.78
C-12 Reorganizing (AB) Irrigation Systems	9	3,251 Acres Irrigated	3,798	1.17	33.89
C-13 Leveling-Irrigation	8	257 Acres	5,268	20.50	47.00
F-2 (A) Weed Control	15	646 Acres Treated	1,862	2.88	16.61
			\$11,208		100.00

Table 47

ELKO COUNTY

	Total All Farms	Participating Farms	Part. Farms as Per Cent of Total
Number of Farms	215	52	24
All Land In Farms	2,796,444	962,493	34
Cropland	182,396	73,248	40
Range and Pasture	2,611,037	887,387	34
No. of Payees	Net Assistance	Small Cost Increase	Gross Assistance
52	\$57,223	\$84	\$57,307

Practice No. and Name	No. of Farms	Extent	Fed. Cost-Share	Cost-Share Per Unit	% Co. Total
A-2 Permanent Cover	3	540 Acres	\$ 1,389	2.57	2.43
B-1 Improving Established Cover	2	76 Acres	394	5.18	.69
B-2 Improving Rangeland by Reseeding	7	3,097 Acres	6,829	2.20	11.93
B-3 Control of Competitive Shrubs	25	7,371 Acres	28,345	3.84	49.54
B-5 Livestock Wells (a)	1	2 Number	2,350	1,175.00	4.11
B-5 (b) Storage Facilities	1	1 Number	150	150.00	.26
B-6 Livestock Pipelines (a)	1	5,150 Linear Feet	477	.09	.83
B-9 Fencing Established Forage Cover	14	4,089 Rods	5,196	1.27	9.08
C-8 Steambank Protection (a)	6	6 Projects	3,347	506.71	5.85
C-12 Reorganizing AB Irrigation Part Systems	10	709 Acres Irrigated	6,387	8.94	11.16
C-13 Leveling-Irrigation	5	162 Acres	2,359	13.42	4.12
			\$57,223		100.00

Table 48

ESMERALDA COUNTY

	<u>Total All Farms</u>	<u>Participating Farms</u>	<u>Part. Farms as Per Cent of Farms</u>
Number of Farms	47	5	11
All Land In Farms	23,894	11,544	48
Cropland	3,799	2,258	59
Range and Pasture	19,445	9,056	46
No. of Payees	Net Assistance	Small Cost Increase	Gross Assistance
5	\$8,721	-	\$8,721

Practice No. and Name	No. of Farms	Extent	Fed. Cost-Share	Cost-Share Per Unit	% Co. Total
C-12 Reorganizing AB Irrigation Part Systems	3	922 Acres Irrigated	\$2,472	2.68	28.35
C-15 Lining Part Irrigation Ditches	3	549 Rods	6,249	11.38	71.65
			<u>\$8,721</u>	<u>100.00</u>	

Table 49

EUREKA COUNTY

	Total All Farm	Participating Farms	Part. Farms as Per Cent of Total
Number of Farms	50	4	8
All Land In Farms	314,954	21,519	7
Cropland	21,115	1,553	7
Range and Pasture	293,566	19,895	7
No. of Payees	4	Net Assistance \$2,911	Small Cost Increase - Gross Assistance \$2,911

Practice No. and Name	No. of Farms	Extent	Fed. Cost-Share	Cost-Share Per Unit	% Co. Total
B-2 Improving Rough-land by Reseeding	2	155 Acres	\$ 379	2.45	13.02
B-3 Control of Competitive Shrubs	1	55 Acres	274	5.00	9.41
C-8 Steam or (a), Shore (b(1), Protection (2), (b-3 part)	1	1 Project	233	233.00	8.01
C-13 Leveling Irrigation	1	100 Acres	<u>2,025</u>	20.25	<u>69.56</u>
			<u>\$2,911</u>		<u>100.00</u>

Table 50

HUMBOLDT COUNTY

	<u>Total All Farms</u>	<u>Participating Farms</u>	<u>Part. Farms as Per Cent of Total</u>
Number of Farms	173	51	29
All Land In Farms	859,258	132,178	15
Cropland	133,417	71,261	52
Range and Pasture	724,781	90,794	12
No. of Payees	<u>51</u>	<u>Net Assistance \$51,327</u>	<u>Small Cost Increase \$84</u>
			<u>Gross Assistance \$51,411</u>

	<u>Practice No. and Name</u>	<u>No. of Farms</u>	<u>Extent</u>	<u>Fed. Cost-Share</u>	<u>Cost-Share Per Unit</u>	<u>% Co. Total</u>
A-2	Perm. Cover-Other	7	287 Acres	\$ 1,657	5.77	3.23
B-2	Improving Rangeland	4	1,113 Acres	1,586	1.42	3.09
B-3	Control of Competitive Shrubs	10	2,465 Acres	3,981	1.61	7.75
B-5	Livestock Wells	3	3 Number	1,038	364.00	2.02
B-5	Storage Tanks At Wells	2	2 Number	147	74.00	.29
B-6	Additional Storage-Springs or Seeps	1	2 Number	135	68.00	.26
B-9	Fencing Established Forage Cover	10	4,260 Rods	5,110	1.20	9.95
C-12	Reorganizing Irrigation Systems	24	21,101 Acres Irrigated	19,098	.90	37.21
C-13	Leveling - Irrigation Ditches	14	708 Acres	14,400	20.34	28.06
C-14	Irrig. Reservoirs	1	1 Number	600	600.00	1.17
C-15	Lining Irrigation Ditches	2	178 Rods	2,375	13.34	4.63
C-17	Reg. Subsoiling	3	240 Acres	1,140	4.75	2.22
F-2A	Weed Control	1	10 Acres Treated	60	6.00	.12
				<u>\$51,327</u>		<u>100.00</u>

Table 51

LANDER COUNTY

	<u>Total All Farms</u>	<u>Participating Farms</u>	<u>Part. Farms as Per Cent of Total</u>
Number of Farms	51	6	12
All Land In Farms	345,663	186,369	54
Cropland	29,047	9,097	31
Range and Pasture	313,693	176,160	56
No. of Payees	6	Net Assistance \$8,679	Small Cost Increase \$28 Gross Assistance \$8,707

Practice No. and Name	No. of Farms	Extent	Fed. Cost-Share	Cost-Share Per Unit	% Co. Total
B-3 Control of Competitive Shrubs	2	1,530 Acres	\$2,603	1.70	29.99
C-12 Reorganizing AB Irrigation Part Systems	3	1,146 Acres Irrigated	3,576	3.12	41.20
C-13 Leveling-Irrigation	1	110 Acres	2,500	22.72	28.81
			<u>\$8,679</u>		<u>100.00</u>

Table 52

LINCOLN COUNTY

	Total All Farms	Participating Farms	Part. Farms as Per Cent of Total
Number of Farms	144	40	28
All Land in Farms	52,102	22,600	44
Cropland	9,948	3,641	37
Range and Pasture	41,364	18,741	45

No. of Payees	Net Assistance	Small Cost Increase	Gross Assistance
40	\$40,349	\$114	\$40,463

Practice No. and Name	No. of Farms	Extent	Fed. Cost-Share	Cost-Share Per Unit	% Co. Total
B-5 Livestock (a) Wells	1	1 Number	\$ 414	414.00	1.03
C-6 Storage Type Part Erosion Dams	1	1 Number	1,088	1,088.00	2.70
C-13 Leveling- Irrigation	7	55 Acres	1,365	25.00	3.38
PA Lining C-15 Irrigation Part Ditches	37	2,333 Rods	35,923	15.40	89.03
PA Structures in C-15 Lined Irrigation Part Ditches	34	26 Numbers	1,559	60.00	3.86
			\$40,349		<u>100.00</u>

Table 53

LYON COUNTY

	Total All Farms	Participating Farms	Part. Farms as Per Cent of Total
No. of Payees	Net Assistance	Small Cost Increase	Gross Assistance
Number of Farms	319	144	45
All Land In Farms	164,404	81,003	49
Cropland	50,754	27,511	54
Range and Pasture	104,300	49,482	47
No. of Payees	122	\$90,361	\$90,666
Practice No. and Name	No. of Farms	Extent	Fed. Cost-Share Cost-Share % Co. Per Unit Total
A-2 Perm. Cover-Other	15	501 Acres	\$ 3,606 7.20 3.99
A-4 Gypsum	3	79 Acres	1,167 14.77 1.29
B-9 Fencing Established Cover	3	524 Rods	629 1.20 .70
C-9a Open Drainage	3	690 Acres Drained	1,900 2.75 2.10
C-12 Reorganizing AB Irrigation Part Systems	68	12,531 Acres Irrigated	19,824 1.58 21.94
C-12 Reorganizing AB Irrigation Part Systems (Pools only)	27	6,770 Acres Irrigated	25,375 3.75 28.08
C-13 Leveling-Irrigation	55	1,438 Acres	27,985 19.46 30.97
C-14 Irrigation Reservoirs	2	2 Number	4,105 2,052.00 4.54
PA Lining Irrigation C-15 Ditches	3	101 Rods	5,437 53.83 6.02
C-17 Regular Subsoiling	2	66 Acres	333 5.04 .37
			\$90,361 100.00

Table 54

MINERAL COUNTY

	<u>Total All Farms</u>	<u>Participating Farms</u>	<u>Part. Farms as Per Cent of Total</u>
Number of Farms	50	3	6.00
All Land In Farms	319,000	100	.03
Cropland	1,819	77	4.2
Range and Pasture	316,746	18	.006
No. of Payees	Net Assistance	Small Cost Increase	Gross Assistance
3	\$452	\$24	\$476
Practice No. and Name	No. of Farms	Extent	Fed. Cost- Share Per Unit % Co. Total
C-12 Reorganizing AB Irrigation Systems	2	35 Acres Irrigated	\$110 3.14 24.34
C-13 Leveling- Irrigation	1	14 Acres	<u>342</u> 24.42 <u>75.66</u>
			<u><u>\$452</u></u> <u><u>100.00</u></u>

Table 55

NYE COUNTY

	Total All Farms	Participating Farms	Part. Farms as Per Cent of Total
Number of Farms	102	11	11
All Land In Farms	125,104	18,870	15
Cropland	32,856	4,803	15
Range and Pasture	90,708	13,935	15
No. of Payees	Net Assistance \$15,472	Small Cost Increase -	Gross Assistance \$15,472
Practice No. and Name	No. of Farms	Extent	Fed. Cost- Share % Co. Share Per Unit Total
C-12 Reorganizing A(B) Irrigation Part Systems	5	1,363 Acres Irrigated	\$ 9,829 7.21 63.53
C-13 Leveling - Irrigation	1	28 Acres	437 15.60 2.82
C-14 Irrigation Reservoirs	1	1 Number	1,354 1,354.00 8.75
C-17 Regular Subsoiling	4	770 Acres	3,852 5.00 24.90
			\$15,472 100.00

Table 56

ORMSBY COUNTY

	<u>Total All Farms</u>	<u>Participating Farms</u>	<u>Part. Farms as Per Cent of Total</u>
Number of Farms	19	1	5
All Land in Farms	26,873	718	3
Cropland	2,065	400	20
Range and Pasture	24,693	309	2
No. of Payees	Net Assistance	Small Cost Increase	Gross Assistance
1	\$1,553	-	\$1,553

Practice No. and Name	No. of Farms	E x t e n t	Fed. Cost- Share	Cost- Share Per Unit	% Co. Total
F-3 Removal of Debris (a)	1	79 Acres	\$1,553	19.65	100.00
			<u>\$1,553</u>		<u>100.00</u>

Table 57

PERSHING COUNTY

	Total All Farms	Participating Farms	Part. Farms as Per Cent of Total
Number of Farms	146	38	26
All Land In Farms	585,181	186,320	32
Cropland	40,286	24,203	60
Range and Pasture	539,659	158,642	29
No. of Payees	41	Net Assistance \$31,779	Small Cost Increase \$38 Gross Assistance \$31,817

Practice No.	Name	No. of Farms	Extent	Fed. Cost-Share	Cost-Share Per Unit	% Co. Total
A-2	Perm. Cover-Other	1	12 Acres	\$ 102	8.50	.32
A-4	Gypsum or Sulphur	1	45 Acres	1,354	30.09	4.26
C-12	Reorganizing Irrigation Systems	29	14,251 Acres Irrigated	16,236	1.14	51.11
C-13	Leveling - Irrigation	16	624 Acres	11,311	18.10	35.56
C-14	Irrigation Reservoir	1	1 Number	2,000	2,000.00	6.30
F-2 (A)	Weed Control	3	39 Acres Treated	776	19.90	2.45
				\$31,779		<u>100.00</u>

Table 58

STOREY COUNTY

	<u>Total All Farms</u>	<u>Participating Farms</u>	<u>Part. Farms as Per Cent of Total</u>
Number of Farms	10	1	10
All Land In Farms	6,057	388	6
Cropland	575	80	14
Range and Pasture	5,423	303	6
No. of Payees	Net Assistance	Small Cost Increase	Gross Assistance
1	\$857	-	\$857
Practice No. and Name	No. of Farm	E x t e n t	Fed. Cost- Share Per Unit % Co. Total
F-3 Releveling			
B Irrigation Land			
(C- Damaged by			
13) Flood	1	35 Acres	\$857 24.49 <u>100.00</u>
			\$857 <u>100.00</u>

Table 59

WASHOE COUNTY

	Total All Farms	Participating Farms	Part. Farms as Per Cent of Total
Number of Farms	205	106	52
All Land In Farms	808,629	66,698	8
Cropland	32,533	11,883	36
Range and Pasture	731,135	52,634	7
No. of Payees	Net Assistance \$29,819	Small Cost Increase \$70	Gross Assistance \$29,889

Practice No. and Name	No. of Farms	Extent	Fed. Cost-Share	Cost-Share Per Unit	% Co. Total
A-2 Perm. Cover-Other	3	168 Acres	\$ 966	5.75	3.24
B-3 Control of Competitive Shrubs	1	1,200 Acres	1,950	1.62	6.54
B-7 Livestock Reservoirs	1	2 Number	128	64.00	.43
B-9 Fencing Established Forage Cover	3	553 Rods	664	1.20	2.23
C-10 Underground Drainage	1	50 Acres Drained	1,195	23.90	4.01
C-12 Reorganizing Irrigation AB Part Systems	4	336 Acres Irrigated	4,043	12.03	13.56
C-12 Reorganizing Irrigation AB Part Systems (Pools only)	52	9,877 Acres Irrigated	5,483	.56	18.39
C-13 Leveling-Irrigation	2	36 Acres	890	24.72	2.98
C-15 Lining Irrigation Ditches	3	518 Rods	6,472	12.49	21.70
C-15 Structures in Lined Irrigation Ditches	2	181 Number	368	2.03	1.23
F-3B Reorganization of (C-12 Irrigation Systems-Part) Flood	4	413 Acres Irrigated	5,230	12.66	17.54
F-3B Reorganization of (C-12 Irrigation Systems Part) (pools) Flood	34	3,061 Acres Irrigated	2,430	.79	8.15

Table 60

WHITE PINE COUNTY

	<u>Total All Farms</u>	<u>Participating Farms</u>	<u>Part. Farms as Per Cent of Total</u>
Number of Farms	102	18	18
All Land In Farms	171,170	35,101	20
Cropland	36,517	9,270	25
Range and Pasture	133,796	25,488	19
No. of Payees	<u>18</u>	<u>Net Assistance \$12,073</u>	<u>Small Cost Increase \$84</u>
			<u>Gross Assistance \$12,157</u>

Practice No. and Name	No. of Farms	Extent	Fed. Share	Cost-Share Per Unit	% Co. Total
A-2 Perm. Cover-Other	1	100 Acres	\$ 133	1.33	1.10
B-2 Improving Rangeland by Reseeding	1	43 Acres	69	1.60	.57
B-3 Control of Competitive Shrubs	2	94 Acres	453	4.82	3.75
B-9 Fencing Established Forage Cover	4	655 Rods	785	1.19	6.50
C-12 Reorganizing Irrigation Systems	9	1,106 Acres Irrigated	5,950	5.37	49.28
C-13 Leveling-Irrigation Ditches	7	94 Acres	1,825	19.42	15.12
C-15 Lining Irrigation Ditches	1	626 Rods	2,500	3.99	20.71
C-16 Spreaders	2	1,396 Linear Feet	<u>358</u>	<u>.25</u>	<u>2.97</u>
			<u>\$12,073</u>		<u>100.00</u>

Table 61

SECTION II

3-YEAR COMPARISONS

To demonstrate Nevada's increased activity in the ACP program, it is noted that the 1961 State ACP allocation was \$394,000. In 1963 the State allocation had grown to \$448,000; a \$54,000 increase in two years or in percentage terms, 27.8% greater.

To show the increase in ACP participation since 1961, a summary of the three practices used most in the last three years was prepared. Total participation in practices C-12, C-13, and C-15 for 1961 was \$280,479. Total participation in these three practices for 1963 was \$343,207. An increase of \$62,728 or in percentage terms, 22.3% greater.

Conservation work accomplished in the three major practices, C-12, C-13, and C-15, considering the federal cost-share earned and the farmers share was (a) 1961 - \$560,958 (b) 1963 - \$686,414, an increase of \$125,456.

The conservation needs inventory for Nevada indicates a great need for accelerating participation in our conservation practices. With this thought in mind, the Nevada ASC State Committee in cooperation with ASC county committees shall endeavor to provide better service to Nevada's ranchers and farmers in ensuing years.

REORGANIZING FARM IRRIGATION SYSTEMS TO
CONSERVE WATER AND PREVENT EROSION
C-12

YEAR	EXTENT (ACRES IRRIGATED)	AMOUNT OF COST-SHARE (DOLLARS)
1961	74,728	\$ 95,638
1962	88,120	101,161
1963	83,331	135,165*

* There is a 31.5% increase in cost-shares earned since 1961

Table 62

LEVELING LAND FOR MORE EFFICIENT USE OF
IRRIGATION WATER AND TO PREVENT EROSION
C-13

YEAR	EXTENT (ACRES)	AMOUNT OF COST-SHARE (DOLLARS)
1961	4,631	\$ 91,562
1962	4,916	101,684
1963	5,787	103,281*

* There is a 7.3% increase in cost shares-earned since 1961

Table 63

LINING IRRIGATION DITCHES TO PREVENT
EROSION AND LOSS OF WATER BY SEEPAGE
C-15

YEAR	EXTENT (RODS)	AMOUNT OF COST-SHARE (DOLLARS)
1961	6,656	\$ 93,279
1962	5,976	68,465
1963	6,686	104,761*

* There is an 11.5% increase in cost-shares earned since 1961

SECTION III

1963 WOOL INCENTIVE PAYMENT PROGRAM

The National Wool Act of 1954, as amended, provides for the incentive payment program on shorn wool and unshorn lambs. The Act provides "that the support price paid for shorn wool shall be at such incentive level as the Secretary of Agriculture, after consultation with producer representatives, and after taking into consideration prices paid and other cost conditions affecting sheep production, determines to be necessary to encourage an annual production ... of approximately ... 300 million pounds of shorn wool." The Secretary announced an incentive level of 62 cents per pound for the 1963 marketing year, which is the same as it has been since 1954. Secretary Freeman also acted favorably on recommendations to change the marketing year from April 1 through March 31 to a calander year basis because March 31 falls within the peak shearing season in many areas.

A payment rate of 54 cents per hundredweight of lambs sold was also made to provide for the incentive payment for wool marketed on unshorn lambs.

In general, higher 1963 wool and lamb prices likely will induce a more normal rate of holding lambs for flock improvement, thus providing the foundation for a slight increase in wool production in 1964, in keeping with the objectives of the National Wool Act.

There were 49 fewer applications filed for shorn wool and unshorn lambs in 1963 than 1962. Approximately 375,000 pounds less wool and 2,000,000 pounds less liveweight lambs sold in 1963 over that sold in 1962.

A summary on the following pages shows the 1963 program year incentive payments made to producers of shorn wool and unshorn lamb sales and the net proceeds after promotion deductions.

Table 64

SHORN WOOL PROGRAM FOR 1963 MARKETING YEAR
(SALES FROM APRIL 1, 1963 TO DECEMBER 31, 1963)

COUNTY	PRODUCERS	WEIGHT OF WOOL SOLD	HEAD REPORTED SHORN	NET PROCEEDS	INCENTIVE PAYMENT EARNED	PROMOTION DEDUCTION	NET PAYMENT
	NO.	POUNDS	NO.	DOLLARS	DOLLARS	DOLLARS	DOLLARS
CHURCHILL	27	47,959	4,741	19,847.56	5,517.61	479.59	5,038.02
CLARK	2	418	38	229.90	63.91	4.18	59.73
DOUGLAS	23	155,955	15,631	70,458.93	19,587.61	1,559.55	18,028.06
ELKO**	40	639,292	65,590	283,508.84	78,815.42	6,392.92	72,422.50
ESMERALDA	1	493	40	209.84	58.34	4.93	53.41
EUREKA	5	64,923	116	25,826.58	7,179.78	649.23	6,530.55
HUMBOLDT	3	894	135	322.90	89.77	8.94	80.83
LANDER	7	115,078	14,080	44,879.47	12,476.50	1,150.78	11,325.72
LINCOLN	4	1,712	160	744.28	206.91	17.12	189.79
LYON	35	141,830	12,977	61,372.49	17,061.53	1,418.30	15,643.23
NYE	5	6,254	591	2,737.63	761.07	62.54	698.53
ORMSBY	3	48,944	4,626	22,235.77	6,181.54	489.44	5,692.10
PERSHING	3	25,014	3,007	11,001.15	3,058.32	250.14	2,808.18
WASHOE	17	185,646	22,620	84,396.87	23,462.30	1,856.46	21,605.84
WHITE PINE*	28	618,431	60,415	273,566.27	76,051.41	6,164.13	69,669.37
TOTAL	203	2,052,843	204,767	901,338.48	250,572.02	20,508.25	229,845.86
Less unshorn lambs purchased		- 2,018			- 217.91	- 20.18	
		2,050,825			250,354.11	20,488.07	

*Does not include one application which was suspended.

Table 65

UNSHORN LAMB PROGRAM FOR 1963 MARKETING YEAR
(SALES FROM APRIL 1, 1963 TO DECEMBER 31, 1963)

COUNTY	PRODUCERS	WEIGHT OF LAMBS SOLD	LAMBS SOLD	INCENTIVE PAYMENT EARNED	PROMOTION DEDUCTION	NET PAYMENT
	NO.	POUNDS	NO.	DOLLARS	DOLLARS	DOLLARS
CHURCHILL*	20	941,712	9,037	1,528.48	141.53	1,386.95
DOUGLAS*	20	655,618	7,044	3,508.37	324.85	3,183.52
ELKO	20	4,029,441	46,429	21,758.97	2,014.70	19,744.27
EUREKA	2	125,420	1,632	677.27	62.71	614.56
HUMBOLDT	5	299,707	3,886	1,618.42	149.85	1,468.57
LANDER	3	646,020	7,674	3,488.51	323.00	3,165.51
LYON	29	581,422	5,776	3,139.70	290.71	2,848.99
NYE	2	17,573	182	94.90	8.78	86.12
ORMSBY	3	321,555	3,530	1,736.40	160.78	1,575.62
PERSHING	1	183,245	2,197	989.52	91.62	897.90
WASHOE	6	1,319,889	15,283	7,127.40	659.94	6,467.46
WHITE PINE	16	1,736,426	22,630	9,376.69	868.20	8,508.49
TOTAL	127	10,858,028	125,201	55,044.63	5,096.67	49,947.96

*Less weight of
lambs purchased

- 664,581
10,193,447

SECTION IV

1963 PRICE SUPPORT AND FARM STORAGE FACILITY LOANS

PRICE SUPPORT

Price support loans and purchase agreements were available in all Nevada counties during the 1963 marketing year through the Commodity Credit Corporation.

No price support loans or purchase agreements were made in Nevada during the 1963 marketing year.

FARM STORAGE FACILITY LOANS

To encourage good farm storage facilities, Commodity Credit Corporation makes loans to farmers through county ASCS offices. Such loans may be for 90% of the cost of the erected structures and are repayable in four annual installments over a 5-year period. These loans carry 4% interest per annum on the unpaid balance. These structures must be located on the farm or land on which the borrower has control for the time of the loan. Farm storage facility loans are secured by a chattel mortgage or deeds of trust. Nevada farmers have used these loans extensively in the past. Recently there has been a decline in Nevada's farm storage facility loan program. Eligibility requirements have been made more restrictive; however, the availability of good storage on the farm is a valuable asset to the grower in the orderly marketing of his grain.

In 1963 there were no farm storage facility loans disbursed in Nevada. There were five loans made in prior years still outstanding in 1963.

Table 66

SECTION V

1963 COTTON ALLOTMENTS AND MARKETING QUOTAS

Clark and Nye counties are the only cotton producing counties in Nevada. The 1963 upland cotton acreage allotment was apportioned as follows:

<u>County</u>	<u>County Allotments</u>	<u>Number of Allotments</u>
Clark	101	5
Nye	<u>3421</u>	<u>18</u>
State Total	3522	23

All allotment crops planted, such as cotton, must be measured by ASCS personnel. Each producer is notified of his exact acreage after measurement. Any excess cotton acreage under individual allotment must be eliminated within 15 days after notification. In 1963 there was no excess cotton acreage and no marketing quota penalties in Nevada.

Table 67

SECTION VI

SUGAR BEETS - 1963 CROP

This report covers the production of 1963 sugar beets in Nevada. It consists of tables containing statistical information for three counties having sugar beet acreage, the production obtained and the payments made to producers under the Sugar Act of 1948 as amended.

In 1961 restrictive proportionate shares were lifted for the first time since 1954. No sugar beets were planted in Nevada in 1961 because of a severe drought. In 1962 restrictions were again lifted and sugar beets were produced in two Nevada counties. Again in 1963 restrictions on proportionate shares were eliminated.

In 1963 sugar beet production expanded to three counties in Nevada, and the number of planted acres increased approximately 500% over 1962. Almost all beets produced in Nevada were grown under contract to the Spreckels Sugar Company and processed at their Manteca, California plant.

NUMBER OF APPLICATIONS, PAYEES,
ACREAGE PLANTED AND HARVESTED ACRES

COUNTY	NUMBER APPLICATIONS	NUMBER PAYEES	PLANTED ACRES	HARVESTED ACRES
Churchill	4	4	192	192
Pershing	2	3	360	360
Washoe	1	1	1,011	645
TOTAL	7	8	1,563	1,197

Table 68

BEET MARKETED, RECOVERABLE SUGAR
BONAFIDE ABANDONMENT

COUNTY	BEETS MARKETED (TONS)	RECOVERABLE SUGAR (CWT.)	BONAFIDE ABANDONED ACREAGE FOR PAYMENT
Churchill	3,092	9,197	0
Pershing	6,875	18,383	0
Washoe <u>1/</u>	7,108	18,880	446.8
TOTAL	17,075	46,460	446.8

1/ 198.2 acres were abandoned but not bonafide

Table 69

TOTAL SUGAR FOR PAYMENT
AND PAYMENTS

COUNTY	TOTAL SUGAR FOR PAYMENT (CWT.)	NET PAYMENT (DOLLARS)	CHILD LABOR (DOLLARS)
Churchill	9,197	7,358.00	0
Pershing	18,383	14,172.35	0
Washoe	23,001	16,850.72	0
TOTAL	50,581	38,381.07	0

Table 70

SECTION VII

1963 FEED GRAIN PROGRAM

The 1963 Feed Grain Program was basically the same as prior voluntary feed grain programs. The major change from previous years was that farmers participating in the program received price support partly through loans and purchase agreements and partly through in-kind payments.

Again, the 1959-1960 production of corn, grain sorghum, and barley was used as a base on individual farms. Farmers could voluntarily reduce their feed grain base acreage by 20% to be eligible under the program. Additional payments could be earned by reducing their base 40% or 25 acres whichever was the higher.

Sixteen percent of Nevada's eligible farms voluntarily enrolled in the 1963 Feed Grain Program.

Through prior feed grain programs, feed grain stocks had been drastically reduced. Feed grain stocks in October, 1963, had been reduced to 57 million tons compared to 85 million tons in October, 1961.

COUNTY	PARTICI-PATING FARMS	BARLEY DIVERTED ACREAGE	CORN DIVERTED ACREAGE	GRAIN SORGHUM DIVERTED ACREAGE	DIVERSION PAYMENTS
Churchill	24	308	329	5	17,135
Elko	1	25	-	-	340
Humboldt	17	396	133	-	7,642
Lyon	19	471	75	20	9,476
Pershing	2	76	30	-	1,896
Washoe	2	50	-	-	1,043
White Pine	1	75	49	-	2,049
TOTAL	66	1,401	616	25	39,581

1963-1964 LIVESTOCK FEED PROGRAM

When natural disasters occur, USDA is authorized to assist farmers and ranchers in lessening the distress caused by such events. The nature and severity of the emergency conditions determine the type of assistance that may be made available under existing authority.

Drought conditions prevailed in southeastern Nevada during 1961, 1962, and 1963. Rainfall lessened drought conditions in other parts of Nevada but did not in southeastern Nevada. Range and cropland conditions were so severe that livestock producers were unable to grow or purchase sufficient feed to maintain their basic foundation herds. Producers in Clark and Lincoln counties appealed to the Governor of the State of Nevada for assistance. This appeal was reviewed by the County and State Disaster Committees and it was recommended that Clark and Lincoln counties be designated drought areas. The Secretary of Agriculture designated these counties as disaster areas and authorized the Livestock Feed Program.

The Livestock Feed Program is designed to give assistance to livestock owners in designated emergency areas through the sales of feed grains owned by the Commodity Credit Corporation at 75% of the support price of grain needed for "primary" foundation livestock and the support price for grain needed to feed other eligible livestock.

Feed grains designated eligible for purchase were corn and grain sorghums. A livestock owner was eligible to buy grain if he (1) suffered a serious loss of feed crops, (2) did not have sufficient feed for his livestock, and (3) was unable to obtain feed through normal trade channels without undue financial hardship. Applications for livestock feed were filed in designated county offices, approved by the county committees, sold to approved livestock owners through the county offices, and handled by approved warehouses or the county offices. This program permitted eligible livestock owners to obtain needed feed grain at approximately 65% of market price.

SUMMARY OF LIVESTOCK FEED PROGRAM OPERATIONS

County	Applications			Quantities Purchased by Eligible Livestock Producers					
	No. Filed & Approved	Animal Units		Grain Sorghum (Cwt.)		Corn (Bu.)			
		Primary	Secondary	Primary	Secondary	Primary	Secondary		
Lincoln	103	11,021	1,752	15,455	2,010	3,214	-		
Total	103	11,021	1,752	15,455	2,010	3,214	-		

SECTION IX

1963 WHEAT PROGRAM

In 1963 Nevada's ASC State and County Committees were faced with the task of gathering information on wheat production history for the State. Nevada had been classified a "Non-Commercial" wheat state since 1954. Wheat allotments in effect in "Commercial" wheat states were not applicable in Nevada. As the National Wheat Stocks grew, the Secretary of Agriculture was faced with finding some method of reducing the amount of wheat on hand.

The job of obtaining (1) the acreage seeded to wheat for harvest as grain in 1962 for all Nevada farms, (2) the 3-year (1959-1961) average acreage of wheat for grain on farms having an average acreage of wheat for grain of 15 acres or less, and (3) the average acreage of wheat for grain on farms having an average acreage of wheat for grain from 15.1 to 25 acres, fell to ASC committees. Reporters were hired and the work completed before the end of the program year.

Farmers in the nation rejected a mandatory wheat allotment program for 1964, but a voluntary wheat diversion program was passed by Congress.



